

**RECEIVED  
CENTRAL FAX CENTER****OCT 31 2006****IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**APPLICANT: **HARDIN ET AL.**SERIAL NO: **10/007621**FILED: **12/03/2001**FOR: **ENZYMATIC NUCLEIC ACID SYNTHESIS:  
COMPOSITIONS AND METHODS FOR ALTERING  
MONOMER INCORPORATION FIDELITY**§ **EXAMINER: RILEY, J.**  
§ **GROUP ART UNIT: 1637**  
§ **DOCKET: 00007/02UTL**  
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§

571-273-8300 Number	<b>CERTIFICATE OF FACSIMILE TRANSMISSION</b>	<b>October 31, 2006</b> Date of Deposit
I hereby certify that this response is being transmitted via facsimile transmission to:		
<b>EXAMINER RILEY, J.</b>		
<b>USPTO</b>		
<b>571-273-8300</b>		
<b>Robert W. Strozier</b>		<b>October 31, 2006</b> Date of Signature

**RESPONSE TO 12 JULY 2006 FINAL OFFICE ACTION**

Dear Examiner Riley:

In response to the Final Office Action dated **12 July 2006**, Applicants submit the following amendments and remarks:

**SUMMARY OF FINAL OFFICE ACTION**

Claims 7-8, 10, 12-13, 15, 21-29, 31, 35-40 and 42-47	102(e)/103 - Kao et al (6399335)
Claims 7-8, 10-13, 15, 21-24, 27-29, 31-33, 36-40, 42-44 and 47	102(a)/103 Williams et al. (WO0036151)